

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Kaneko, T.

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filing Date: Concurrently Herewith

Examiner: Unknown

For: ARRAY WAVEGUIDE GRATING, OPTICAL TRANSMITTER AND OPTICAL  
COMMUNICATION SYSTEM WITH MONITORING FUNCTION

Assistant Commissioner of Patents

Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Prior to examination on the merits and calculation of the filing fee, please amend the  
above-identified application as follows:

**IN THE SPECIFICATION:**

**Please amend paragraph 1 on page 42 to read as follows:**

-- Fig. 23 shows a summary of the construction of an optical communication system as a  
third embodiment of the present invention;--

**After paragraph 2 on page 42, please insert the following;**

--Fig. 25 shows a prior art synthesizer using a taping device; and

Fig. 26 shows the construction of an arrayed waveguide grating according to the prior  
art.--

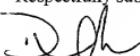
**REMARKS**

The specification has been amended to include a brief description of Figures 25 and 26. Attached hereto is a marked-up version of the changes made to the specification by the current amendment.

Early, favorable prosecution on the merits is respectfully requested.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

 # 46,060  
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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the specification:**

**Paragraph 1 on page 42 was amended as follows;**

Fig. 23 shows a summary of the construction of an optical communication system as a third embodiment of the present invention; [and]